

Software Developers, Applications (15-1132)

Occupation description: Develop, create, and modify general computer applications software or specialized utility programs. Analyze user needs and develop software solutions. Design software or customize software for client use with the aim of optimizing operational efficiency. May analyze and design databases within an application area, working individually or coordinating database development as part of a team. May supervise computer programmers.

Employment and Job Openings

	Average employment			Average annual openings		
	2010 estimate	2020 projection	Percent change	Growth	Replacement	Total
Alaska	257	301	17.1	4	4	8
United States	520,800	664,500	27.6	14,370	5,420	19,790

Job outlook

Alaska: Alaska's employment growth is strong with moderate employment opportunities. [Read more.](#)

2013 Wages ?

	Mean Wage and 95% Confidence Interval			Wage by Percentile		
	Low	Mean	High	10th	Median	90th
United States	n/a	46.28	n/a	26.81	44.55	69.01
Alaska	37.98	40.02	42.06	26.31	37.44	57.61
Anchorage/Mat-Su Area (MSA)	37.43	40.36	43.29	25.37	37.22	57.62

Labor Force Indicators

2012 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
218	26	11.9	42.8	31.8

2012 Potential Supply

Qualified but working in another occupation	66
Currently employed in a lower paid occupation	32
UI claimants previously working in occupation	10

2012 ALEXsys Employment Data

Number of registrants	112
Number of job position postings	17
Ratio of registrants to job position postings	6.6

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: Bachelor's degree

Work experience: None

On-the-job training: None

Training Resources

		Degree
Charter College, Anchorage		
Computer Science: Concentration in Business Applications		AAS
Information Technology Engineering		BS
		Degree
Charter College, Wasilla		
Computer Science: Concentration in Business Applications		AAS
		Degree
University of Alaska Anchorage		
Business Computer Info Systems		AAS
		Degree
University of Alaska Fairbanks		
Computer Engineering		BS
Computer Science		BS
Computer Science		MS
Software Engineering		MSE

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